

Power Cost Memorandum

Fuel Cost Update and Surcharge Change

Date: April 20, 2023

Utility Name (Cert. No.) UNALASKA, CITY of (106)	Utility File No. PC39-1018BB	Date Filed: April 10, 2023
--	--	--------------------------------------

PCE AMOUNT SUMMARY	Previously Approved PC39-1018AA	Staff Recommended PC39-1018BB
Class Rate	<u>Date Approved:</u> April 7, 2023	<u>Effective Date</u> April 21, 2023
Residential	\$0.1974	\$0.1814
Small General	\$0.1974	\$0.1814
Large General	\$0.1974	\$0.1814
Industrial	\$0.1974	\$0.1814
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ <u>3.6779</u>	New Fuel Purchase Price: \$ <u>3.4221</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: <u>N/A</u>	Surcharge Change: Previous <u>0.24585</u> Updated <u>0.24415</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/20/23)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<u>KKT</u>		
Doyle		<u>BD</u> BD		
Pickett		<u>RMP</u> BP		
Sullivan		<u>RMP</u> BP for DS		
Wilson	4/21/23	<u>JWW</u> JWW		

Special Instructions to Staff:

*If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF UNALASKA

POWER COST EQUALIZATION CALCULATION
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

	PC39-1018AA	PC39-1018BB
	Prior Commission Approval	Staff Recommended
A. Total kWh Generated	57,936,250	57,936,250
B. Total kWh Sold (Appendix 2)	55,325,767	55,325,767
C. Total Non-Fuel Costs (Appendix 2)	8,931,391	8,931,391
D. Non-Fuel Cost/KWH (C / B)	\$0.1614	\$0.1614
E. Total Fuel and Purchased Power Costs	13,399,710	12,467,763
F. Fuel and Purchased Power Costs/KWH	\$0.2422	\$0.2254
G. Eligible Costs/KWH (D + F)	\$0.4036	\$0.3868
H. Eligible Cost/KWH (G) less base rate in effect	\$0.2078	\$0.1910
I. Lesser of (H) or .8042 cents/kWh	\$0.2078	\$0.1910
J. Average Class Rates (Appendix 3)		
Residential	\$0.3097	\$0.3080
Small General	\$0.2822	\$0.2805
Large General	\$0.3054	\$0.3037
Industrial	\$0.3443	\$0.3426
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95%, or (J)		
Residential	\$0.1974	\$0.1814
Small General	\$0.1974	\$0.1814
Large General	\$0.1974	\$0.1814
Industrial	\$0.1974	\$0.1814
L. Funding Level in Effect	100%	100%
Residential	\$0.1974	\$0.1814
Small General	\$0.1974	\$0.1814
Large General	\$0.1974	\$0.1814
Industrial	\$0.1974	\$0.1814

CITY OF UNALASKA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

				PC39-1018AA	PC39-1018BB	
				Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:						
A.	Personnel Costs			2,342,446	2,342,446	2,342,446
B.	Operating Expenses			8,709	8,709	8,709
C.	General and Administrative/Facilities Main.			126,448	126,448	126,448
D.	Administration			1,510,037	1,510,037	1,510,037
E.	Interest Expense/Power Production			542,674	542,674	542,674
F.	Other (Describe)/Line Repair & Maint.			1,201,781	1,201,781	1,201,781
G.	Depreciaton			3,199,297	3,199,297	3,199,297
H.	Total Non-Fuel Costs			8,931,391	8,931,391	8,931,391
Fuel Costs:						
I.	Gallons Consumed for Electric Generation			3,643,265	3,643,265	3,643,265
J.	Price of Fuel: (per gal.)	3/31/2023		\$3.6779	\$3.4221	\$3.4221
K.	Total Cost of Fuel			\$13,399,710	\$12,467,763	\$12,467,763
L.	Total Cost of Purchased Power			\$0	\$0	\$0
M.	TOTAL fuel cost & purchased power			\$13,399,710	\$12,467,763	\$12,467,763
N.	kWh Sold			55,325,767	55,325,767	55,325,767
O.	kWh Station Service			866,641	866,641	866,641
P.	Efficiency	≥	13.5	15.90	15.90	15.90
Q.	Line Loss	≤	12%	3.01%	3.01%	3.01%
(kWh generated-(kWh sold + Station Service))/kWh generated						

CITY OF UNALASKA

Surcharge 0.244150

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$8.50

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.1958 kWh
750	0.248300	0.244150	0.492450	377.84	0.50378	0.3080
750				377.84	0.50378	0.3080
TOTAL (A)						(E)

Rate Schedule: Small General

Customer Charge (CC): \$10.61

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.1958 kWh
750	0.218000	0.244150	0.462150	357.22	0.47630	0.2805
750				357.22	0.47630	0.2805
TOTAL (A)						(E)

Rate Schedule: Large General

Customer Charge (CC): \$53.07

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.1958 kWh
750	0.184600	0.244150	0.428750	374.63	0.49951	0.3037
750				374.63	0.49951	0.3037
TOTAL (A)						(E)


Rate Schedule: Industrial

Customer Charge (CC): \$106.13

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.1958 kWh
750	0.152700	0.244150	0.396850	403.77	0.53836	0.3426
750				403.77	0.53836	0.3426
TOTAL (A)						(E)

Signature: Keith Kurber II
Keith Kurber II (Apr 20, 2023 12:58 AKDT)
Email: keith.kurber@alaska.gov

Signature: Bob Doyle
Bob Doyle (Apr 20, 2023 13:38 AKDT)
Email: bob.doyle@alaska.gov

Signature: 
Bob Pickett (Apr 21, 2023 05:33 AKDT)
Email: bob.pickett@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Apr 21, 2023 07:44 AKDT)
Email: janis.wilson@alaska.gov